TEXAS DEPARTMENT OF INSURANCE

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PRODUCT EVALUATION Effective Date: April 1, 2012
WIN-1583 Reevaluation Date: **December 2014**

*The following product has been evaluated for compliance with the wind loads specified in the **International Residential Code (IRC)** and the **International Building Code (IBC)**.*

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code and the Texas Engineering Practice Act.

Architect Series Wood Vent Awning Windows, Non-impact Resistant, manufactured by

Pella Corporation
102 Main Street
Pella, Iowa 50219
Telephone: (641) 621-1000

General Description:

System	Description	Label Rating	Design Pressure Rating
1-2	Architect Series Aluminum Clad Wood Vent Awning Windows; (X)	AP-R50 53 x 32	± 50 psf
3-7	Architect Series Aluminum Clad Wood Vent Awning Windows; (X)	AP-LC40 60 x 60	± 40 psf

Product Dimensions:

System	Overall Size	Sash Size
1	53” x 32”	51” x 30”
2	29” x 29”	27” x 27”
3	48” x 41”	46” x 39”
4	48” x 59”	46” x 57”
5	35” x 59”	33” x 57”
6	59” x 41”	57” x 39”
7	60” x 60”	58” x 58”

Product Identification (Certification Agency Label on Window):

System		
1-2	Certification Agency	WDMA
	Manufacturer’s Name or Code Name	Pella Corporation
	Product Name	Architect Series Awning
	Test Standards	ANSI/AAMA/NWWDA 101/I.S.2-97; AAMA/WDMA/CSA 101/I.S.2/A440-05

System		
3-7	Certification Agency	WDMA
	Manufacturer’s Name or Code Name	Pella Corporation
	Product Name	Architect Series Large Awning
	Test Standards	ANSI/AAMA/NWWDA 101/I.S.2-97; AAMA/WDMA/CSA 101/I.S.2/A440-05

Impact Resistance:

Impact Resistant	Requirement
No	Impact protective system required when product is installed in areas where windborne debris protection is required

Installation:

Screw Installation (Systems 1-2): The wood wall framing members shall be minimum Spruce-Pine-Fir dimension lumber. The windows shall be secured to the wall framing using the frame of the window with minimum No. 10 x 3½" screws. Along the head, the fasteners shall be placed approximately 2½ inches from each corner and 16 inches on center. Along the sill and each side jamb, the fasteners are located 6 inches from each corner. The fasteners shall be long enough to penetrate a minimum of 1½ inches into the wall framing.

Clip Installation (Systems 1-2): The wood wall framing members shall be minimum Spruce-Pine-Fir dimension lumber. The windows shall be secured to the wall framing utilizing steel clips (2" x 6" x 0.050"). The clips shall be placed approximately 2½ inches from each corner and 16 inches on center along the head and the sill of the window. Along each side jamb, the fasteners are located 6 inches from each corner. Each clip is bent 90 degrees to wrap the end of the clip around the interior face of the wall framing. Each clip is secured to the window with two (2) No. 6 x ⅝" screws and secured to the wall framing with two (2) No. 6 screws. The fasteners shall be long enough to penetrate a minimum of 1½ inches into the wall framing.

Screw Installation (Systems 3-7): The wood wall framing members shall be minimum Spruce-Pine-Fir dimension lumber. The windows shall be secured to the wall framing using the frame of the window with minimum No. 10 x 3½" screws. The fasteners shall be placed approximately 6 inches from each corner and 16 inches on center along the perimeter of the window. The fasteners shall be long enough to penetrate a minimum of 1½ inches into the wall framing.

Clip Installation (Systems 3-7): The wood wall framing members shall be minimum Spruce-Pine-Fir dimension lumber. The windows shall be secured to the wall framing utilizing steel clips (2" x 6" x 0.050"). The clips shall be placed approximately 6 inches from each corner and 16 inches on center along the perimeter of the window. Each clip is bent 90 degrees to wrap the end of the clip around the interior face of the wall framing. Each clip is secured to the window with two (2) No. 6 x ⅝" screws and secured to the wall framing with two (2) No. 6 screws. The fasteners shall be long enough to penetrate a minimum of 1½ inches into the wall framing.

Note: The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC) and the International Building Code (IBC) and the Texas Revisions.